



GA 1753

PATENT  
81846.0014

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Akimine HAYASHI, et al.

Serial No: 09/531,545

Filed: March 20, 2000

For: PHOTOVOLTAIC MODULE

Art Unit: 1753

Examiner: not assigned

**TRANSMITTAL OF INFORMATION DISCLOSURE  
STATEMENT**Assistant Commissioner for Patents  
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The information disclosure statement submitted herewith is filed before the first action on the merits of this application.

If it should be determined that for any reason either an insufficient or excessive fee has been paid, please charge any insufficiency or credit any overpayment necessary to ensure consideration of the information disclosure statement for the above-identified application to Deposit Account No. 50-1314. A copy of this paper is enclosed.

Respectfully submitted,

HOGAN &amp; HARTSON L.L.P.

Date: June 22, 2000

By:

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09/631,545

Information Disclosure Statement

Please prepare and file in the U.S. Patent and Trademark Office an Information Disclosure Statement, pursuant to C.F.R. 1.56, on the basis of the following information and material.

(1) Name of Publication

Jpn. Patent Appln. KOKAI Publication No. 58-17685 ✓  
Published on February 1, 1983

(2) Name of Publication

Jpn. Patent Appln. KOKAI Publication No. 62-152183 ✓  
Published on July 7, 1987

(3) Name of Publication

Jpn. Patent Appln. KOKAI Publication No. 63-147377 ✓  
Published on June 20, 1988

(4) Name of Publication

Jpn. Patent Appln. KOKAI Publication No. 63-249381 ✓  
Published on October 17, 1988

(5) Name of Publication

Jpn. Patent Appln. KOKAI Publication No. 2-21670 ✓  
Published on January 24, 1990

(6) Name of Publication

Jpn. Patent Appln. KOKAI Publication No. 4-101465 ✓  
Published on April 2, 1992

(7) Name of Publication

Jpn. Patent Appln. KOKAI Publication No. 6-151936 ✓  
Published on May 31, 1994

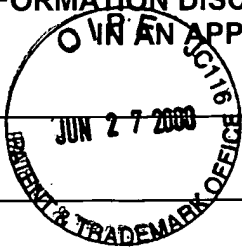
(8) Name of Publication

Jpn. Patent Appln. KOKAI Publication No. 6-310748 ✓  
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(9) Name of Publication

Jpn. Patent Appln. KOKAI Publication No. 9-116180 ✓  
Published on May 2, 1997

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Docket Number (Optional)  
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Akimine HAYASHI, et al.Filing Date  
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1753

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	58-17685	2/1/83	JP			
	62-152183	7/7/87	JP			
	63-147377	6/20/88	JP			
	63-249381	10/17/88	JP			
	2-21670	1/24/90	JP			
	4-101465	4/2/92	JP			
	6-151936	5/31/94	JP			
	6-310748	11/4/94	JP			
	9-116180	5/2/97	JP			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.